SL No.	Specification	UNIT	No	L	B	D	Quantity	RATE (in Rs)	AMOUNT (in Rs)
34	KSRB 14-17.1 : Providing skirting, dado, rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification As directed by the engineer in charge								
	Not Operated								
35	KSRB15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, as per specifications. etc., As directed by the engineer in charge								
	Not Operated								
36	KSRB 15-16.2 : Providing and finishing external walls in one coat with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered materials, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.As directed by the engineer in charge								
	Not Operated								
37	KSRB 10-2 : Providing and laying in position Yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including curing cost of materials, labour complete as per specifications. Specification As directed by the engineer in charge								
	Not Operated								
38	KSRB 14.10-3 : Providing flooring with 20mm thick polished Cadapa slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Specification As directed by the engineer in charge								
	Not Operated								
39	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) (P W D BCSR 2014-15, P-93 I-13.86.1)15 mm nominal OD pipes As directed by the engineer in charge								
	Not Operated								
40	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778. having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,) (P W D BCSR 2014-15 P-93 I-13.86.3) 25 mm nominal OD pipes,As directed by the engineer in charge								
	Not Operated								

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SL No.	Specification	UNIT	No	L	B	D	Quantity	RATE (in Rs)	AMOUNT (in Rs)
41	KSRB 13-6.1-1 Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications . As directed by the engineer in charge								
	Not Operated								
42	KSRB 13-6.2-1 Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. As directed by the engineer in charge								
	Not Operated								
43	KSRB 11-7.1: Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm with 5 litres PVC automatic flushing cistern, C.I/M.S brackets, standard flush pipe and C.P. brass spreaders ewith brass unions and G.I. clamps complete painting of fittings and brackts, cutting and making good the wall and floor whereever required, including cost of materials, labour complete as per specifications . As directed by the engineer in charge								
	Not Operated								
44	KSRB 11-2: Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrsts, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I/M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25 mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications .As directed by the engineer in charge								
	Not Operated								
45	KSRB 11-11.4 : Providing and fixing white vitreous china clay, flat back wash basin size 550 x 400mm with a single 15 mm C.P. brass pillar tap with C.I/M.S brackets, 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. As directed by the engineer in charge								
	Not Operated								
46	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete. (External work) As directed by the engineer in charge								
	Not Operated								
47	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete. (External work) (P W D BCSR 2014-15, P-94 I-13.87.8) 75mm nominal OD pipes,As directed by the engineer in charge								
	Not Operated								

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SL No.	Specification	UNIT	No	L	B	D	Quantity	RATE (in Rs)	AMOUNT (in Rs)
48	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete. (External work)(P W D BCSR 2014-15, P-94 I-13.87.10) 150 mm nominal OD pipes.As directed by the engineer in charge								
	Not Operated								
49	KSRB 12-8.1 : Constructing brick masonry inspection chamber 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. As directed by the engineer in charge								
	Not Operated								
50	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot),12.5cms x 7.5cms.As directed by the engineer in charge								
	Not Operated								
51	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.As directed by the engineer in charge								
	Not Operated								
52	KSRB 12-7.1 : Making connection of drain or sewer line of size 100 to 230mm external dia with existing manhole including breaking into and making good the walls, floors with cement concrete M 15 with 20mm and downsize granite metal, cement plastered on both sides of mix 1:3, finished with a floating coat of neat cement, and making necessary channels for the drain, including cost of materials, labour charges, curing complete as per specifications. As directed by the engineer in charge								
	Not Operated								
53	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1000 litre capacity) Specification As directed by the engineer in charge								
	Not Operated								
54	Concealed Conduit System : Supplying 25mm dia 2mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement ods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary As directed by the engineer in charge								
	Not Operated								

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SL No.	Specification	UNIT	No	L	B	D	Quantity	RATE (in Rs)	AMOUNT (in Rs)
55	Groove cutting: Supplying 25mm dia 2mm thick heavy gauge PVC conduit pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessaryr As directed by the engineer in charge								
	Not Operated								
56	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm rhick wood, after due groove cutting, necessary masonry patch work complete.As directed by the engineer in charge (a). 10"x7"x3"								
	Not Operated								
57	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm rhick wood, after due groove cutting, necessary masonry patch work complete.As directed by the engineer in charge (b). 1 to 2 way								
	Not Operated								
58	Point wiring using copper wire with switch : Supplying and wiring adopting loop sytem in existing PVC conduit/casing caping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2x1.5 sqmm cable confirming to the GTP with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Point wiring using class A Materials (a) Short point upto 3Mtr from tapping point to out let via switch As directed by the engineer in charge								
	Not Operated								
59	Supplying 6A flush/projected type socket and a 6 amps flush/projected type SP switch either surface/flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required, 6 Amps 2 way As directed by the engineer in charge								
	Not Operated								
60	Supplying and fixing of backlite D.P/Socket/switch with/without neon indicator over existing wood board or fluh mounting in plastic plates/nitches. Using Group 'A' Material - 16 Amps Combined switch and socket with indication As directed by the engineer in charge								
	Not Operated								
61	Supplying and fixing super quality modular switch mounting polycorbonate plate with necessary supporting back plate with required nos. of machine screwes, bolts nuts et c., complete on the existing metal/PVC box 'A' Group - 4 Moudule As directed by the engineer in charge								
	Not Operated								
62	Supplying and fixing a modular switch/Socket/stepped electronic fan regulator / dimmer / telephone socket etc on existing modular switch plate As directed by the engineer in charge (a). 6 Amps one way								
	Not Operated								
63	Supplying and fixing a modular switch/Socket/stepped electronic fan regulator / dimmer / telephone socket etc on existing modular switch plate As directed by the engineer in charge (b). 6 Amps two way								
	Not Operated								

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SL No.	Specification	UNIT	No	L	B	D	Quantity	RATE (in Rs)	AMOUNT (in Rs)
64	Supply box type fluorescent tube light fitting 4' - 36/40 watts fluorescent tube fitting, made out of M.S sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking type brass contact hilders mounted on double fold type sheet base fully wired for use on 230 Volts A C Supply including fluorescent tube. 1 x 4' - 28 watts - Group 'A' As directed by the engineer in charge								
	Not Operated								
65	Supply of 1440rpm heavy duty eahust fan with bracket blades suitable for operate on 230V 50Hz, AC supply complete. 12" sweep (300 mm) - Group 'A' As directed by the engineer in charge								
	Not Operated								
66	Supplying and fixing regular MCCB distribution Panel confirm to IS 8828, on wall/woodboard/flush mounting using required clamps, bolts, nuts etc., with provision for fixing of suitable type capacity MCCB's as an incorner for 3 phase Double door with necessary bus bar completely wired to use on 440volts 3phase 4wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCB's as outgoings confirm to IS8828. 4 way - Group 'A' As directed by the engineer in charge								
	Not Operated								
67	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required. 5-32 Amps SP - Group 'A' As directed by the engineer in charge								
	Not Operated								
68	Supplying fixing, wiring, earth electrode for grounding conduits IC cutouts and other equipments on the meter borad using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal proportion of soil and charcoal 150 mm all round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia.As directed by the engineer in charge								
	Not Operated								
69	KSRB 15.1.4 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P W D BCSR 2014-15, P-109 I-15.4)								
	Not Operated								
70	Providing and laying plat form using prepolished, water cut / gang saw 40mm thick telephonic Black Granite. laid on existing vertical -supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints, including full rounding for nosing, finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm x 12mm grooves in joints including curing. As directed by the engineer in charge								
	Not Operated								

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SL No.	Specification	UNIT	No	L	B	D	Quantity	RATE (in Rs)	AMOUNT (in Rs)
71	Providing and laying flooring for corridors/lobbies using combination of pre polished 19 mm thick water cut/gang saw Grey Granite. Black Granite. and strips of 50mm wide pre flamed grey granite using pre polished grey granite 19mm thick 76%. Pre polished black granite 19mm thick @ 2% and preflamed 19mm thick grey granite @22% over existing cement concrete bed in CM 1:4 average 20mm thick pointed with white cement/colour pigment etc., complete. As directed by the engineer in charge								
	Not Operated								
72	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all the members including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification. As directed by the engineer in charge								
	Not Operated								
73	KSRB 8.4-3 : Providing and fixing Mangalore tile roofing using first class tiles with necessary special tiles for ridges and hips, teak wood reepers of size 50x25mm and pointed with cement mortar 1:4 over the existing rafters including cost of materials, labour, curing complete as per specifications. Specification No. As directed by the engineer in charge								
	Not Operated								
74	Earthwork for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour and HOM of machineries, as per drawing and technical specification.As directed by the engineer in charge								
	Not Operated								
75	5.29(b) Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. As directed by the engineer in charge								
	Not Operated								
76	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (PWD BCSR 2014-15, P-138 I-19.1)								
	Not Operated								

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SL No.	Specification	UNIT	No	L	B	D	Quantity	RATE (in Rs)	AMOUNT (in Rs)
77	KSRRB M300-54. Construction of embankment with approved material deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Table 300-2 complete asper specifications.which includes , watering charges & compaction by vibratory roller) MORTH Specification No. As directed by the engineer in charge								
	Not Operated								
78	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. For grading III Material As directed by the engineer in charge								
	Not Operated								
79	KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification As directed by the engineer in charge								
	Not Operated								
80	KSRRB 500-6. Providing and applying primer coat wiyh S.S.bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MORTH specifications As directed by the engineer in charge								
	Not Operated								
81	KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50 /75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1km including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH Chapter 5 using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50mm to 75mm) with 3.3% VG-30 Bitumen ,As directed by the engineer in charge								
	Not Operated								
82	KSRRB 500-7. Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 As directed by the engineer in charge								
	Not Operated								

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SL No.	Specification	UNIT	No	L	B	D	Quantity	RATE (in Rs)	AMOUNT (in Rs)
83	KSRRB M500-18. Providing and laying semi dense bituminous concrete using crushed aggregate of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 508 coplete in all respects complete as per specifications. using 40-60 TPH capacity H.M.P. with sensor paver grading I (35-40mm) with 4.5% CRMB-55 grade As directed by the engineer in charge								
	Not Operated								
84	KSRRB M300-55. Construction of sub-grade and earthen shoulders with approved material Gravel/Murrum with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table No. 300-2 complete as per specifications (including cost of earth, watering charges & compaction by vibratory roller) MORTH Specification No. 305 As directed by the engineer in charge								
	Not Operated								
85	KSRRB M300-7.1. Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farmyard manure, supplied at the rate of 4.65 cum per 100 metres and supplying and planting hedge plants at 30 cm apart complete as per specifications. A) Planting permanent hedges including digging of trenches MORTH Specification As directed by the engineer in charge								
	Not Operated								
86	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. As directed by the engineer in charge								
	Not Operated								
87	KSRB 15-20.2 : Providing and applying floor painting with ready mix paint in one coats (exluding priming coat) on new concrete / asbestos cement sheet / plastered surfaces brushing to give an even shade after preparing the surface after throughly cleaning oil, dirt, dust other foreign matter and sand papering including cost of materials, labour, complete as per specifications. As directed by the engineer in charge								
	Not Operated								
88	KSRRB M800-2. Retro-Reflectorised Traffic Signs :- Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC :67 made of high intensity grade sheeting vide clause 800.1.3, fixed over Aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45 cm x 45 cm x 60 cm, 60 cm below ground level as per approved drawing complete as per specifications. MORTH Specification No.801 (PWD BCSR 2014-15, P-176, 1-24.2.5.1) 60 cm x 45 cm rectangular-Type IV As directed by the engineer in charge								
	Not Operated								

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